First & Final Bill

Recondedon:-

M. A. R. 57 (Rule 116)
Measurement Book

No. E Est cost:-10.00Lakhs

Serial No. 496224

Name of work Improvements to roads and drains at A.K. colony in Kempegowda ward no-01 of yelahanka Sub division. Date 29/12/2022

Name of Contractor or nature of Agency SRI ANJAN KUMAR. Y.A NO:456/500 mateshwaramma Temple Street, yelahanka old Town, Bangalore-560064

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(1) Removing and Resetting of foot path slab. Quantity vide, As per pre-measurement are Recorded in this mB & Page no of:-496274-75:-188.29m² CRS 240.00						45,189.60
	(2) Earth works, excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such similar works in all kinds of soils, as per drawing and technical Specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	deleterious matter, excavated surface levelled and sides neatly dressed dispatching off the excavated stuff on sorting & stacking the selected stuff for reuse in a radius of 50m and lift upto 1.5mm including cost of labour, tools & other apparteances required to complete the works.						
	Quantity vide, As per pre-measurement are Recorded in this MB & Page No of:- 49&75-76:- 105.80m³						
						CRS. 300.00	31740.00
	(3) Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/ trap/ basalt crushed graded course aggregate &						

Serial No. .....
Name of work .....
Name of Contractor of nature of
Date of commencement of work.

Date	Full description, etc,
1	2
	fine aggregate not exceeding including all as per Specifi
	Quantity vi Recorded in
	(4) Supplying. f ment in Su Specification

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

496225

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	fine aggregates as per relevant IS Codes machine mixed laid in layers not exceeding 150mm thickness, well Compacted using plate vibrators, including all lead & lifts Cost of all materials of quality, labour, etc as per Specifications and directions of engineer in charge work.						
	Quantity vide, As per pre-measurement are Recorded in this MB & Page No of:- 496277:-					11.23 cm	65134.00
						@Rs. 5800.00	
	(4) Supplying, fitting and placing un-coated Tmt bar reinforcement in Sub-Structure Complete as per drawing and Technical Specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity vide AB per pre-measurement are Recorded in this and 8 Page no of:- 496278:- 0.65 Tonnes Rs. 95000.00 G1750.00						
	Valuation.						
	(5) Providing and laying in position Reinforced cement Concrete for all Sub Structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/ trap/ basalt Gushed graded Coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with Super plasticisers laid in layers, well compacted using needle vibrators, providing weep holes, wherever necessary etc as per Specifications and directions of engineer in charge works.						

Serial No. .....
Name of work .....
Name of Contractor of nature of Agen
Date of commencement of work.....

Date	Full description, etc, of work
1	2
	Temple Back Side, Rc
	Side wal
	Culverts:- BWSSB
	Ashwath Kattc

M. A. R. 57 (Rule 116) No. E

Measurement Book

496226

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Temple Back Side, Rcc drain Bottom Concrete.						
		1	12.00	0.90	0.15	1.62	
	Side walls:-	2	12.00	0.15	0.60	2.16	
	Culverts:- BWSSB Front:-	1	4.80	1.20	0.20	1.15	
		2	4.80	0.23	0.40	0.88	
	Ashwath Katte Near:-	1	5.20	1.20	0.23	1.43	
		2	5.20	0.23	0.40	0.95	
						8.19 m³	49140.00
						@ Rs. 6000.00	

C & RC Remarked

Asst. Executive Engr
Yelahanka Sub. Divis
(BBMP Ynk. Zn)
Yelahanka, Bangal

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(6) Providing and fixing precast reinforced cement concrete Covering slabs of 10cm Thick made of m25 with opc cement @340 kgs/ cum with 20mm and down Size graded granite metal coarse aggregates @0.70 cum and fine aggregates @ 0.44 cum with Superplasticizer machine, mixed including providing & removing centering shuttering, strutting propping etc, for edges of slabs with TMT steel (Fe500) Cost of all materials, labour all lead and lift Hoist of machinery, curing, including cost of reinforcement etc complete as per specifications and directions of engineer incharge work.						
	Covering slabs, Temple Back Side Drain:-						
	misking & Damaged structh:-	16	0.60	0.90	-	8.64	
		88	0.60	0.90	-	47.52	
						56.16 m²	
						@Rs. 1900.00	106704.00

C&P Revenue A.E.E

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work
1	2
(7)	Providing and fixi... slabs of 25cm ... cum with 20mm ... aggregate @0.70 cu... plasticizer machi... -ing. Shuttering &t... (Fe500) Cost of al... of machinery. C... as per Specifi Cati...

M. A. R. 57 (Rule 116) No. E

Measurement Book

496227

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(7) Providing and fixing precast reinforced cement Concrete Covering slabs of 25mm thick made of m25 with opc cement, @340kg/cum with 20mm and down size graded granite metal coarse aggregate @0.7cum and fine aggregate @0.74 cum with Super plasticizer machine mixed including providing and running anker ing. Shuttering & strutting propping etc. for edges of slabs with MS steel (FE500) Cost of all materials, labours, all lead and lift, Hoar of machinery. curing, including cost of reinforcement etc complete as per Specifications and directions of engineer in charge work.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	BWSSB office front:-	5	1.20	0.60	-	3.60	
	Ashwath Katte Near:-	8	1.20	0.60	-	5.76	
		7	1.20	0.60	-	5.04	
						14.40 sm	
	Vide M/				CRS.	5037.00	72,532.80

(8) Providing and laying in position plain Cement Concrete for leveling course for all works in foundation. The granite/trap/basalt Crushed graded Coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150mm Thickness well compacted using plate vibrators as per Specifications.

Ramprasad
AEE, Executive E
Yelahanka Sub
(BBMP Yel
Yelahanka, B

Serial No. .....
Name of work .....
Name of Contractor of nature of Agenc
Date of commencement of work.....

Date	Full description, etc, of work
1	2
	For Kerb stone Bel
	ARe office Side, Cons
	Toilet from
	I&t Gross
	Bisnp office S

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

496228

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	For Kerb stone Bale for	1	11.40	0.20	0.10	0.22	
	ARO office side, Concrete:-	1	9.00	0.20	0.10	0.18	
		1	16.50	0.20	0.10	0.33	
	Toilet front:-	1	12.70	0.20	0.10	0.25	
		1	4.90	0.20	0.10	0.09	
		1	9.00	0.20	0.10	0.10	
	I&t Gross R/s:-	1	7.70	0.45	$\frac{0.10+0.05}{2}$	= 0.25	
		1	28.10	0.45	$\frac{0.10+0.05}{2}$	= 0.94	
	:-	1	5.40	0.45	$\frac{0.10+0.05}{2}$	= 0.18	
	Bishop office Surrounding:-	1	28.90	0.20	0.10	0.57	

C & FC

Ramajeyam L
Asst. Executive Engin
Yelahanka Sub. Divis
(BBMP Ynk. Zn)
Yelahanka, Banga

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Temple Abound:-	1	3.50	0.20	0.10	0.07	
		1	1.30	0.20	0.10	0.02	
		1	1.30	0.20	0.10	0.02	
		1	8.10	0.20	0.10	0.16	
	office Front :-	1	1.65	0.20	0.10	0.03	
		1	12.80	0.45	$\frac{0.10+0.05}{2}$	= 0.43	
		1	8.45	0.20	0.10	0.16	
	I st Grade H/S:-	1	20.00	0.45	$\frac{0.10+0.05}{2}$	× 0.67	
		1	4.80	0.45	$\frac{0.10+0.05}{2}$	= 0.16	
				Limit to	4.80	4.83 m3	30439.86
				Schedule B. Qty		@ RS. 6300.80	~~30243.84~~

Assl. Executive
Yelahanka Sub
(BBMP Yel
Yelahanka.

Serial No. .....
Name of work .....
Name of Contractor of nature of Ag
Date of commencement of work.....

Date	Full description, etc. of
1	2
	Providing and t out of size wit 4mm high an finishing cutti materials be and lift tra
	ARO Samudaya Bh

M. A. R. 57 (Rule 116) No. E

Measurement Book

496229

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	(9) Providing and fixing pre cast Solid Cement Concrete Kerb stones made out of m20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450 mm in length finished with cm 1:3 plastering and finishing cutting including formwork curing including Cost of materials labour charges of machinery loading and unloading, loads and lift transportation etc, Complete as per Specification.						
	ARO office Side:-	25 NO	-	-	-	25.00	
	Samudaya Bhavan Side:-	17 NO	-	-	-	17.00	
		32 NO	-	-	-	32.00	
		30 NO	-	-	-	30.00	
		11 NO	-	-	-	11.00	

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		20 NO	-	-	-	20.00	
	I st Grass:-	17 NO	-	-	-	17.00	
		34 NO	-	-	-	34.00	
		28 NO	-	-	-	28.00	
		12 NO	-	-	-	12.00	
	Bmp office Surrounding:-						
		63 NO	-	-	-	63.00	
		8 NO	-	-	-	8.00	
		3 NO	-	-	-	3.00	
		3 NO	-	-	-	3.00	
		18 NO	-	-	-	18.00	
		3 NO	-	-	-	3.00	

CSPC
Ramya Asst Executive Engineer (BBMP) Yelahanka S Velahanka

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency
Date of commencement of work.....

Date	Full description, etc, of work
1	2
	urdu school Road
	painting two C

M. A. R. 57 (Rule 116) No. E

Measurement Book

496280

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor or nature of Agency .....

Date of commencement of work .....

Date	Full description, etc., of work	Dimensions				Contents	Reference to any Measurement recorded
		Number	Length	Breadth	Height		
1	2	3	4	5	6	7	8
		28 nos	-	-	-	28.00	
		19 nos	-	-	-	19.00	
		44 nos	-	-	-	44.00	
		10 nos	-	-	-	10.00	
	Under school Road No:	69 nos	-	-	-	69.00	
	No:	22 nos	-	-	-	22.00	
						626.00 nos	
						@16.45.00	10301.70

Remarks

Excavating trial Cuttes where failing are Included with Expenditure

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Enamel paint in all shades on new plastered concrete su						
	-Per specification.						
	Kerb stone painting:-						
	ARO office Side:-	1	11.40	-	0.35	3.99	
		1	9.00	-	0.35	3.15	
		1	16.50	-	0.35	5.77	
	Toilet front:-	1	12.70	-	0.35	4.44	
		1	4.90	-	0.35	1.71	
		1	9.00	-	0.35	3.15	
	IRT Grass R/S:-	1	7.70	-	0.35	2.69	
		1	28.10	-	0.35	9.83	
	:-	1	5.40	-	0.35	1.89	

C & R
Recommended
Asst. Executive
Yelahanka Sub
(BBMP)
Yelahanka

Serial No. .....
Name of work .....
Name of Contractor of nature of Ag
Date of commencement of work.....

Date	Full description, etc, of work
1	2
	BBMP office Surro Temple Abou office fr I

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No. 496231

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	BBMP office Surrounds:-	1	28.50	-	0.35	9.97	
	Temple Abroard:-	1	3.50	-	0.35	1.22	
		1	1.30	-	0.35	0.45	
		1	1.30	-	0.35	0.45	
		1	8.10	-	0.35	2.83	
	office front:-	1	1.65	-	0.35	0.57	
		1	12.80	-	0.35	4.48	
	1st Gross Hts:-	1	8.45	-	0.35	2.95	
		1	20.00	-	0.35	7.00	

C/f to Ramanjaneyal

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	4.80	-	0.35	1.68	
	urdu School Road :- HS	1	30.00	-	0.30	9.00	cfe
		1	30.00	-	0.30	9.00	Running
		1	5.00	-	0.30	1.50	
	P/S	1	30.00	-	0.30	9.00	
		1	20.00	-	0.30	6.00	
						102.72 m²	
	Limited to Schedule item :-					84.00 m²	7854.00
						@ Rs. 93.50	
	(11) Dismantling of cement concrete Pavement by mechanical						

Serial No. .....
Name of work .....
Name of Contractor of nature of Agen
Date of commencement of work.....

Date	Full description, etc, of wo
1	2
	means using ... 0.02 m³ ; in ... and disposal ... and unsound co...
	Quantity vide ... Recorded in ...
	(12) Providing ... Pavement ...

M. A. R. 57 (Rule 116) **No. E**
Measurement Book
496232

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	means using pneumatic tools, breaking to pieces not exceeding 0.02 m^3 in volume and stock piling at designated locations and disposal of dismantled materials and Stacking Serviceable and unserviceable materials separated.						
	Quantity vide, As per pre-measurement Recorded in This MB & Papers of:- 496273					:- 9.66 m^3	4484.17
						@Rs. 464.20	
(12)	Providing and Constructing un-reinforced plain cement Concrete Pavement, Thickness as per design, over a prepared Sub base, with						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	43 grade Cement or any other types as per clause 1501.2.2 M30 (Grade), Coarse and fine aggregates Confirming to IS:383, maximum size of Coarse aggregates not exceeding 25mm, mixed in a Concrete mixer of not less than 0.2cum Capacity and approach twist batcher using approved mix design etc as per specifications.						
	culverts:- approaches:	1	3.60	2.40	0.15	1.29	
		1	5.80	1.25	0.15	1.08	
	approaches:	1	4.30	$\frac{1.20+1.40}{2}$	0.15	0.83	
		1	5.30	$\frac{1.80+1.20}{2}$	0.15	1.19	
	Sanitary Cutpostion:-	1	6.60	0.45	0.15	0.44	

Executive Engineer,
Yelahanka Division,
B.B.M.P. Bangalore - 64

Asst. Executive En
Yelahanka Sub.
(BBMP)
Yelahanka

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work
1	2

Anganawadi by
Exec
Yela
B.B

M. A. R. 57 (Rule 116) No. E

Measurement Book

496233

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	:-	1	2.40	1.00	0.15	0.36	
		1	1.40	0.90	0.15	0.18	
		1	3.40	1.65	0.15	0.84	
	Arganavaadi building Terrace Area :-						
		1	4.80	4.20	$\frac{0.025+0.05}{2}$ = 0.75		
						6.96 m^3	
	Executive Engineer, Yelahanka Division, B.B.M.P. Bangalore-64						
	Amount transferred to Schedule 'B' @					6.90 m^3	
						CRs. 7163.20	49,426.00

cf fc

Ramajendra

Asst. Executive Engr
Yelahanka Sub. Divn
(BBMP Ynk. Zn)
Yelahanka, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(13) Cost of Haulage excluding loading and unloading Taking output 10t load and lead 10 Kms = 100 t. Kms.						
	Quantity vide item no :- (2) :- 120.45 m^3 × 1.28 = 154.17						
	Quantity vide, item no (11) :- 9.98 m^3 × 2.10 = 20.95					175.12 m^3	
	Limited to Schedule 'B' Qty :- 155.7 m^3 @ RS. 103.66						16140.89
	Sub total - 787187.00					Sub Total RS	788151.00
	GST @ 18% - 141694.00					Add 18% of GST RS	1,41,867.00
	Grand Total 928881.00					Grand Total RS:	9,30,019.00

Ramesh Gowda
Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

6/5/23

Kavitha
A.E
6/5/23

Serial No.
Name of Work
Name of Contractor of nature of Agency
Date of commencement of work

Date	Full description, etc, of work
1	2
	CERTIFICATE:
	Certified That the
	Certified That the

Kavitha
A.E
6/5/23

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

496234

Serial No. .....

Name of work ..... From ..... To .....

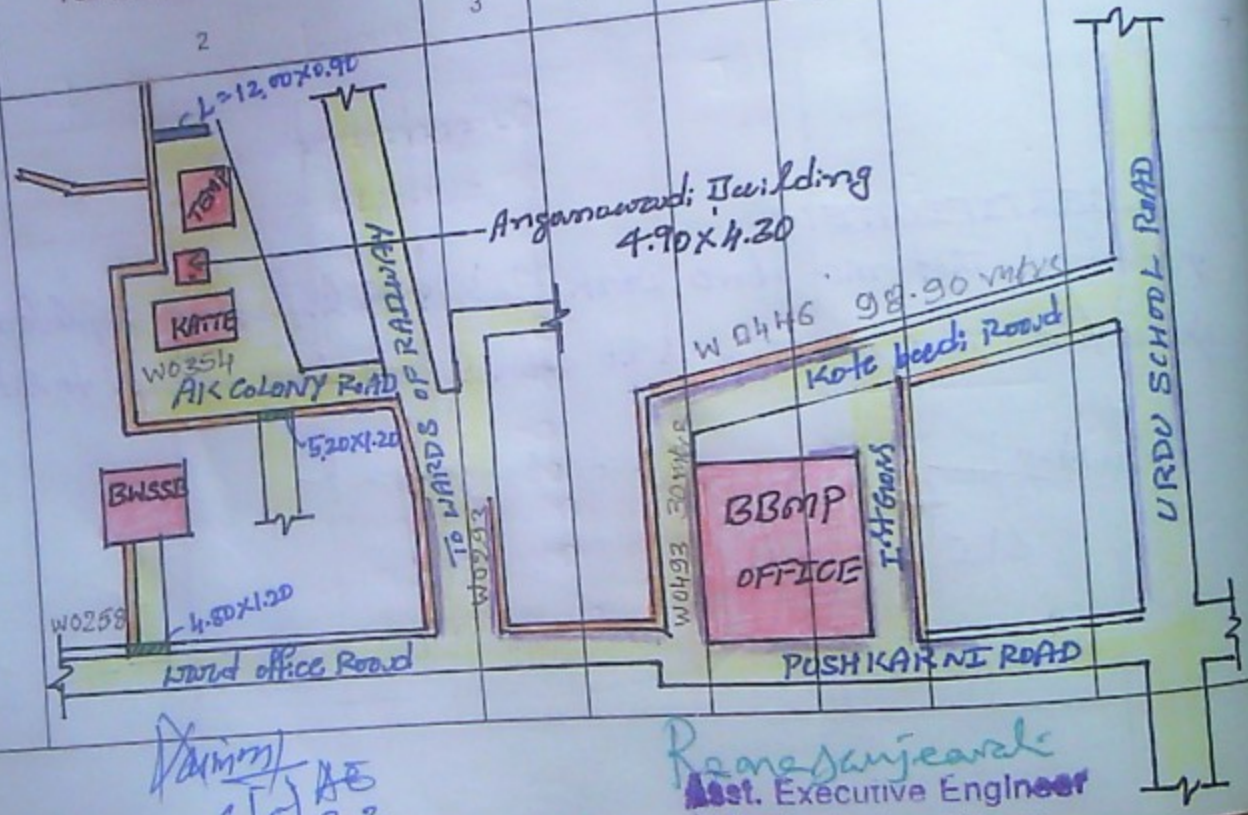
Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CERTIFICATE:- 1) Certified That the above work done is Satisfactory Completed. 2) Certified That the There is no debries have been cleared to Site. Ramanjaneyulu Asst. Executive Engineer Yelahanka Sub. Divison (BBMP Ynk. Zn) Yelahanka, Bangalore 6/5/23						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



6/5/23 AE

Asst. Executive Engineer
Yelahanka Sub Division

Serial No. .....
Name of work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc
1	2
	INDE
	■ - Rec
	■ - Rec
	■ - R&R
	□ - Exist
	■ - Kerb

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

496235

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	INDEX:-						
	- Rcc culvert						
	- Rcc drain						
	- R&R slabs with Existing						
	- Existing Roads						
	- Kerb stones						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st and 2 Final bill						

Job Code : 001-23-000007
SBR No : 0008
Date : 6/5/2023

Gross Amt =Rs	928800=00
FSD =Rs	46440=00
CGST = Rs	8293=00
SGST = Rs	8293=00
IT = Rs	9288=00
LC = Rs	9288=00
CBF = Rs	929=00
Fine Royalty =Rs	1050=00
	10390=00
T.D. = Rs	93971=00
Net Amt=Rs	834829=00

Audited & Admitted for Rs. 928800=00

834829=00 by Cheque

and Rs. 93971=00 by adjusement

Acctts. Asst.
yelahanka Division
BESCOM

Exe. Engineer
yelahanka Division
BESCOM